



# Massachusetts Clean Cities News

A Quarterly Publication of the Massachusetts Clean Cities Coalition

Volume II, Summer 2001

## Fuel Cell Demonstration in Boston

*Ford Motor Company's P2000 HFC*

Boston caught a glimpse of the future March 27 when the Massachusetts' Clean Cities Coalition (MACC) and the Division of Energy Resources (DOER) teamed up with Ford Motor Company to showcase the latest in fuel cell technology: the Ford P2000 HFC. Ford shipped the \$6 million, hand-made, prototype hydrogen powered car to Massachusetts for the MACC event and for demonstrations at Massachusetts universities. Ford has announced plans to offer fuel cell vehicles for sale to the public beginning with the 2004 Model Year. In addition to the P2000, Ford also displayed-

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## Weston Recieves CNG School Buses



The Town of Weston, MACC, Keyspan Energy Delivery and DOER are proud to announce that two brand new Compressed Natural Gas (CNG) school buses will be transporting children to school this fall.

Weston was awarded a U.S. Department of Energy (U.S. DOE) grant to help purchase two new CNG school buses through a partnership with DOER and Keyspan Energy. The buses are manufactured by Bluebird Bus and are powered by John Deer CNG engines. The buses arrived in Weston in June. Mike Manning of Keyspan Energy Delivery reports that Weston is so pleased with the buses that it has already indicated an interest in applying for grant money to purchase four more CNG buses in the near future.

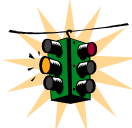
## Springfield Meeting A Success

MACC's Western Region held its spring regional meeting April 25 in Springfield. Air quality was the theme of the half-day conference, a hot issue in Western Massachusetts given that in 1999 the EPA identified region as having some of the most severe smog problems in the nation. In addition to addressing air quality, the meeting also informed fleet owners about the Energy Policy Act of 1992 and its regulations, shared the latest in alternative fuel vehicle (AFV) technology and showcased Massachusetts fleets that have AFVs on the road. DOER's Alternative Fuels and Technologies Team Leader Kathryn Clay deemed the meeting a success saying: "The event brought together experts on commercially available AFVs and fleet managers investigating these options." Stay tuned for details regarding the upcoming Clean Cities meetings in your region!

## The Clean Cities Initiative

*Improving energy security &  
environmental quality  
...one city at a time.*

The Clean Cities Program, sponsored by the U.S. Department of Energy, supports public-private partnerships that deploy alternative fuel vehicles (AFVs) and build supporting infrastructure. By promoting AFV use, the Clean Cities program helps enhance energy security and environmental quality goals at both the national and local levels. The Massachusetts Clean Cities Coalition (MACC) is built on the premise that we can improve our communities through cooperation and voluntary partnerships, working together to reduce our reliance on imported oil and improve air quality. With the increasing cost of petroleum-based gasoline, more companies than ever are considering turning to AFVs. MACC has been working to put AFVs on the Bay State's roads since 1994. For more information, contact the MACC (please see Page 2 for contact information) or visit the Clean Cities website: <http://www.ccities.doe.gov/>.



## MACC News Spotlight: DOE Awards Grants to Bay State Heavy-Duty AFV Projects

In the MACC News Spotlight this issue are Massachusetts's latest U.S. DOE grant recipients. The U. S. DOE announced in June that it will award grants to Lowell-based McGeoghean Waste Systems and the Woods Hole Steamship Authority to purchase heavy-duty alternative fuel vehicles (AFVs). The U.S. DOE grants will cover the price differential between procuring an AFV and a traditional gasoline vehicle of identical make.

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## MACC Spotlight

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The grant awarded to McGeoghean Waste Systems will be put towards the purchase of two CNG trash haulers. The vehicles will be built by Mack Truck and will utilize an existing CNG station located in Lexington. Mike Manning of Keyspan Energy Delivery

reports that McGeoghean's CNG trash haulers "will be the first CNG trash haulers in all of New England." According to Manning, the McGeoghean trash haulers are expected to be operational within six months.

Woodshole Steamship Authority's U.S. DOE grant will bring two CNG Ford Cutaway shuttle buses to the greater Hyannis-South Yarmouth area. The shuttle buses will transport Steamship Authority passengers between the dock in Hyannis and satellite parking. The new CNG vehicles will be serviced at an existing CNG station in South Yarmouth. The Ford Cutaways are expected to arrive in Massachusetts and be in service in the next few months.

Both these initiatives highlight the Massachusetts Clean Cities Coalition's interest in broadening participation in the coalition to niche markets including heavy-duty AFV initiatives. According to Mike Manning of Keyspan Energy Delivery these recent grant recipients also reflect a growing "trend of the U.S. DOE funding more and more medium and heavy duty vehicles."

## Fuel Cell Demonstration in Boston

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two ethanol-two powered vehicles: an Excursion – Ford's largest sport utility vehicle and a F-150 series pickup truck. Addressing attendees in City Hall Plaza Commissioner David O'Connor noted that: "With continuing high prices for gasoline and diesel, it is imperative that small businesses and fleet managers have the option of using alternative fuel vehicles to alleviate the cost burden on their bottom lines. Businesses can save money on their fuel bills while contributing to the health of their communities, it's a win-win situation for everyone." The fuel cell demonstration focused the attention of state and local lawmakers on the importance of increased AFV use in Massachusetts and showcased Ford Motor Company's continued commitment to AFV development. Speaking to MACC News in July, Ann Nolan Fellows of Ford expressed the company's enthusiasm for the event: "Clean Cities has always been a leader in advancing alternative fuels technologies and AFVs. Ford Motor Company thought the event was the perfect forum to showcase the P2000." Fellows also reported that, in cooperation with the state of California, Ford will be launching a California-based demonstration fleet of 25 P2000HFC's in the near future. In addition to publicizing the importance of AFVs, the demonstration fleet will allow the company to test and fine-tune the maintenance, fueling and roadworthiness of fuel cell vehicles.

## Massachusetts Clean Cities Coalition

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Mike Noonan, Framingham Ford  
Nick Varoutsos, USPS

### Coalition Members

Robert Bienenfeld, American Honda  
Stephen Costa, DOE  
Doug Wheaton, Massport  
Greg Zilberfarb, Ford Motor Company

## UPCOMING EVENTS

**Martha's Vineyard Neighborhood Vehicle (NEV) Demonstration Fleet**, "Kick off summer 2001 in style and take a spin in the latest in clean vehicle technology!", Summer 2001, Martha's Vineyard -various locations. Contact - Kristin Decas, Department of Environmental Protection (DEP), 617-556-1110.

**19th National Natural Gas Vehicle (NGV) Coalition Convention & Exhibition**, September 30-October 2 2001, San Francisco, CA. Contact - Kelly Bate, Natural Gas Vehicle Coalition, 202-824-7360.

**Logan Airport Ford/Massport CNG Ride & Drive**, Contact - Andrea Hattan, DOER, 617-727-4732.

**MACC Regional Fall/Winter Meeting**, Contact - Andrea Hattan, DOER, 617-727-4732.

Massachusetts Clean Cities Coalition

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